

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 306812005300

Application Number Not Yet Assigned

Applicants

David LEWIS et al.

Filing Date Concurrently Herewith

Group Art Unit Not Yet Assigned

Mailing Date October 23, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
TM	1.	11/9/1993	5,260,610	Pedersen et al.			
	2.	11/9/1993	5,260,611	Cliff et al.			
	3.	12/28/1993	5,274,581	Cliff et al.			
	4.	3/15/1994	5,295,090	Hsieh et al.			
	5.	9/20/1994	5,349,250	New			
	6.	10/25/1994	5,359,242	Veenstra			
	7.	10/25/1994	5,359,468	Rhodes et al.			
	8.	11/15/1994	5,365,125	Goetting et al.			
	9.	7/25/1995	5,436,575	Pedersen et al.			
	10.	1/2/1996	5,481,206	New et al.			
	11.	1/9/1996	5,483,478	Chiang			
	12.	1/2/1996	5,481,486	Cliff et al.			
	13.	5/20/1997	5,631,576	Lee et al.			
	14.	1/16/1996	5,485,103	Pedersen et al.			
	15.	1/30/1996	5,488,316	Freeman et al.			
	16.	3/19/1996	5,500,608	Goetting et al.			
	17.	6/4/1996	5,523,963	Hsieh et al.			
	18.	8/13/1996	5,546,018	New et al.			
	19.	5/13/1997	5,629,886	New			
	20.	9/30/1997	5,672,985	Lee			
↓	21.	10/7/1997	5,675,262	Duong et al.			
	22.	3/3/1998	5,724,276	Rose et al.			
TM	23.	6/2/1998	5,761,099	Pedersen			

EXAMINER:



DATE CONSIDERED:

10/11/2006

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Applicants <div style="text-align: center;">David LEWIS et al.</div>		
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TM	24.	10/6/1998	5,818,255	New et al.			
	25.	3/30/1999	5,889,411	Chaudhary			
	26.	4/27/1999	5,898,319	New			
	27.	4/27/1999	5,898,602	Rothman et al.			
	28.	6/1/1999	5,909,126	Cliff et al.			
	29.	7/6/1999	5,920,202	Young et al.			
	30.	7/20/1999	5,926,036	Cliff et al.			
	31.	12/7/1999	5,999,016	McClintock et al.			
	32.	2/1/2000	6,021,423	Nag et al.			
	33.	4/18/2000	6,051,992	Young et al.			
	34.	4/22/2000	6,107,827	Young et al.			
	35.	9/12/2000	6,118,300	Wittig et al.			
	36.	11/28/2000	6,154,052	New			
	37.	11/28/2000	6,154,053	New			
	38.	11/28/2000	6,154,055	Cliff et al.			
	39.	12/5/2000	6,157,209	McGettigan			
	40.	2/20/2001	6,191,610 B1	Wittig et al.			
	41.	2/20/2001	6,191,611 B1	Altaf			
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	43.	6/4/2002	6,400,180 B2	Wittig et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner	Ref.	Title
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Initials	No.	
TM	44.	E. Ahmed et al., "The Effect of LUT and Cluster Size on Deep-Submicron FPGA Performance and Density", FPGA '2000 Monterey Ca, pp. 3-12.
	45.	D. Cherepacha et al., "DP-FPGA: An FPGA Architecture Optimized for Datapaths", VLSI Design 1996, vol. 4, no. 4, pp. 329-343.
	46.	S. Kaptanoglu et al., "A new high density and very low cost reprogrammable FPGA architecture", FPGA '99 Monterey Ca, pp. 3-12
	47.	J. Rose et al., "Architecture of Field-Programmable Gate Arrays: The Effect of Logic Block Functionality on Area Efficiency", J. of Solid-State circuits, vol. 25, no. 5, Oct. 1990, pp. 1217-1225.
	48.	J. L. Kouloheris et al., "FPGA Area versus Cell Granularity-Lookup Tables and PLA Cells", FPGA '92, pp. 9-14.
	49.	"FLEX 8000 Programmable Logic Device Family", Altera Corp. June 1999, ver. 10.01, pp. 349-364.
	50.	"FLEX 10K Embedded Programmable Logic Device Family", Altera Corp. March 2001, ver. 4.1, pp. 1-28.
	51.	"FLEX 6000 Programmable Logic Device Family", Altera Corp., March 2001, ver. 4.1, pp. 1-17.
	52.	"Mercury Programmable Logic Device Family", Altera Corp., March 2002, ver. 2.0, pp. 1-34.
	53.	"APEX 20K Programmable Logic Device Family", Altera Corp., February 2002, ver. 4.3, pp. 1-29.
	54.	"Virtex TM - II Platform FPGAs: Detailed Description", XILINX, Advance Product Specification, v2.1.1, 12/6/2002, pp. 1-40.
	55.	"Stratix FPGA Family Data Sheet", Altera Corp., Preliminary Information, Dec. 2002, ver. 3.0, pgs. 1, 11-19.
↓	56.	"ORCA® Series 2 Field-Programmable Gate Arrays", Data Sheet, Lattice Semiconductor Corp., Jan. 2003, title sheet, pp. 2-26.

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Application Number 10/693,576

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Applicant

David LEWIS et al.

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June 4, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
TM	1.	09/11/2001	6,288,568	Bauer et al.			
TM	2.	10/02/2001	6,297,665	Bauer et al.			
TM	3.	11/27/2001	6,323,682	Bauer et al.			
TM	4.	12/31/2002	6,501,296 B2	Wittig et al.			

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